Hi-Gain™ Wi-Fi Access Points / Bridges

	Standard AP/Bridge	HWABN1	HWABN25	HWABN2	HD45B	HOWABN1
Performance						
Speed	up to 150Mbps	up to 300Mbps	up to 300Mbps	up to 300Mbps	up to 750Mbps	up to 300Mbps
Output Power	up to 50 mW	up to 79 mW	up to 500 mW	up to 500 mW	up to 100 mW	up to 100 mW
Antenna Gain	2dBi	2 x 3dBi (upgradable)	2dBi PIFA antenna	2 x 3dBi (upgradable)	3 x 3 dBi (upgradable)	2 x 5dBi Omni-Directional
Wireless Coverage ★basic ★★★★★excellent	★	★★★	★★★	★★★★	★★★	★★★★★
Coverage Distance*	≈ 200 ft.	≈ 300 ft. radius	≈ 300 ft. radius	≈ 500 ft. radius	≈ 300 ft radius	≈ 800 ft radius (open space with line of sight)
Wired Port(s)	1 x 10/100M	1 x 10/100M	1 x 10/100M	5 x 10/100M	5 x 10/100/1000M	1 x 10/100M
Standard & Compatibility						
Frequency	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz & 5.0 GHz (Concurrent)	2.4 GHz
Standards	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 b/g/n
Modes	Access Point, Ethernet Bridge, AP Bridge Point-to-Multi-Point	5 Modes: Access Point, Ethernet Bridge, AP Bridge Point-to-Multi-Point, AP Bridge WDS Repeater	Access Point, Bridge, Bridge - Point to Point, Bridge - Point to Multipoint, WDS-Bridge, Range Extender	5 Modes: Access Point, Ethernet Bridge, AP Bridge Point-to-Multi-Point, AP Bridge WDS Repeater	5 Modes: Access Point, Ethernet Bridge, AP Bridge Point-to-Multi-Point, AP Bridge WDS Repeater	Access Point, Ethernet Bridge, Universal Repeater, AP Point-to-Point , AP Point-to-Multipoint Access Point, WDS Repeater
Security	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)	WPA, WPA2, WEP, WPS (Wi-Fi Protected Setup)
Power Type	--	12V DC	5V DC 2A	12V DC	12V DC 1.25A	Power-over-Ethernet
Hassle-Free Installation	--	--	✓	✓	✓	--
Highlighted Features	--	Top Selling Bridge	Power Amplified. Long Range, Integrated Ceiling/Wall Mount, PoE installation option, Hassle-Free Installation.	High Power. Long Range. Hassle-free installation using a tablet, smartphone, or computer - no CD or cable required.	Dual-Band, 2.4GHz & 5.0GHz. Gigabit ports. Great for over-crowded Wi-Fi enviroments. Off load traffic to less-crowded frequency. Hassle-free installation using a tablet, smartphone, or computer - no CD or cable required.	High performance DIY Outdoor Wireless Solution. Provices Wide Area Wi-Fi Coverage. Use the HOWABN1 to create a wireless network and provide wireless access for RVs, Boats, camp grounds, Condos (building-to-building), and other outdoor applications.

*Coverage distances are conducted by independent study group. The provided distances are estimated and to be used as a reference guide with your selection process. Actual distance may vary depending on individual's operating environments. This includes, but not limited to, individual's network devices, network setup, building and surrounding materials.

last update: 12.11.2012

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